UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/720,073	11/25/2003	Sven Bernhard	11884/407901	4197

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EXAMINER
HOANG, HIEU T

ART UNIT	PAPER NUMBER
2152	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/720,073	BERNHARD ET AL.
	Examiner	Art Unit	
	HIEU T. HOANG	2152	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *01 February 2008*.
2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-20* is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) *1-20* is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All   b)☐ Some * c)☐ None of:
        1.☐ Certified copies of the priority documents have been received.
        2.☐ Certified copies of the priority documents have been received in Application No. _____.
        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.
4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

DETAILED ACTION

1.   This office action is in response to the communication filed on 02/01/2008.

2.   Claim 20 is new.

3.   Claims 1-20 are pending.

Response to Amendment

4.   The 35 U.S.C. 112 rejection of claims 1-7 and 13-19 has been withdrawn due to

the amendment.

Response to Arguments

5.   Applicant's arguments on the U.S.C. 102 rejection are moot in view of new

ground(s) of rejection.

Claim Objections

6.   Claims 3 and 15 are objected to because of the following informalities: the claims

recite "the device profile." There is insufficient antecedent basis for this limitation in the

claims. Applicant is suggested to amend this element to "the associated device profile."

7.   Claims 2 and 4 are objected to because of the following informalities: the claims

recite "the first mobile device." There is insufficient antecedent basis for this limitation in

the claims.

8.   Applicant is required to check for further lack of antecedent basis problems.

Correction is required.

Claim Rejections - 35 USC § 103

9.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as
> set forth in section 102 of this title, if the differences between the subject matter sought to be
> patented and the prior art are such that the subject matter as a whole would have been obvious
> at the time the invention was made to a person having ordinary skill in the art to which said
> subject matter pertains. Patentability shall not be negatived by the manner in which the invention
> was made.

10.   Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Chasman et al. (US 2007/0180075, hereafter Chasman), in view of Shields et al. (US

2003/0225797, hereafter Shields).

11.   For claim 1, Chasman discloses a method for remotely configuring at least one

mobile device comprising:

storing at a middleware server least one configuration parameter relating to a

software application (fig. 1, fig. 2, application server with a master database for storing

business object type or application and configuration information, application server is

read as an middleware server, see Yu et al. US 2007/0226155, [0100], application

server is middleware server), wherein each of the configuration parameters specifies

configuration information as a function of the application (fig. 1, [0019], each business

object type or application has associated properties or configuration);

receiving at the middleware server a synchronization request from a mobile

device participating in a particular application ([0023] lines 12-18, [0024] lines 1-3,

update request from the client device to the application server);

determining an associated configuration parameter for the first mobile device as

a function of the associated application ([0024] lines 3-14, comparing identifiers in the

master database with identifiers in the update request to synchronize the data to the

latest version);

initiating a process to configure the mobile device as a function of the associated

configuration parameter ([0024] lines 14-19, updated data transferred to client device

which will then update its own data).

Chasman does not explicitly disclose the synchronization request includes a

device identification (ID) and determining an associated device profile for the mobile

device as a function of the device ID; and initiating a process to configure the mobile

device as a function of the associated device profile.

However, Shields discloses the same ([0041], synchronization request from small

device contains a device ID, fig. 5 steps 536, 538, read device profile using the device

ID, fig. 5 step 540-512, then configure the device based on the device profile by

synchronizing files supported files)

Therefore, it would have been obvious for one skilled in the art at the time of the

invention to combine the teachings of Chasman and Shields to synchronize the device

using both and device ID as taught by Shields in other to provide more functionalities to

the system.

12.   For claim 13, Chasman discloses a program storage device including instructions

for remotely configuring at least one mobile device comprising:

        storing at a middleware server at least one configuration parameter (fig. 1, fig. 2,

application server with a master database for storing business object type or application

and configuration information, application server is read as an middleware server, see

Yu et al. US 2007/0226155, [0100], application server is middleware server)

        receiving at the middleware server a synchronization request from a first mobile

device participating in an application ([0023] lines 12-18, [0024] lines 1-3, update

request from the client device to the application server);

        determining an associated configuration parameter for the first mobile device as

a function of the associated application ([0024] lines 3-14, comparing identifiers in the

master database with identifiers in the update request to synchronize the data to the

latest version);

        initiating a process to configure the first mobile device as a function of the

associated configuration parameter ([0024] lines 14-19, updated data transferred to

client device which will then update its own data).

Chasman does not explicitly disclose storing at least one configuration parameter for each the at least one mobile device, wherein each of the configuration parameters specifies configuration information as a function of a device profile;

the synchronization request includes a device identification (ID) and determining an associated device profile for the mobile device as a function of the device ID; and initiating a process to configure the mobile device as a function of the associated device profile.

However, Shields discloses storing at least one configuration parameter for each the at least one mobile device, wherein each of the configuration parameters specifies configuration information as a function of a device profile (fig. 3, profiles 316, [0046], each a profile has associated configuration parameters)

the synchronization request includes a device identification (ID) and determining an associated device profile for the mobile device as a function of the device ID; and initiating a process to configure the mobile device as a function of the associated device profile ([0041], synchronization request from small device contains a device ID, fig. 5 steps 536, 538, read device profile using the device ID, fig. 5 step 540-512, then configure the device based on the device profile by synchronizing files supported files)

Therefore, it would have been obvious for one skilled in the art at the time of the invention to combine the teachings of Chasman and Shields to synchronize the device using both and device ID as taught by Shields in other to provide more functionalities to the system.

13.   For claim 8, Chasman discloses a system for remotely configuring at least one

mobile device comprising:

    a middleware server, wherein the middleware server stores configuration

parameters (fig. 1, fig. 2, application server with a master database for storing business

object type or application and configuration information with parameters, application

server is read as an middleware server, see Yu et al. US 2007/0226155, [0100],

application server is middleware server), the configuration parameters associating a

network application with at least one configuration option (fig. 1, [0019], each business

object type or application has associated properties or configuration);

    a configuration module, wherein the configuration module:

    receives a configuration request from a particular mobile device ([0023] lines 12-

18, [0024] lines 1-3, update request from the client device to the application server);

    Chasman does not explicitly disclose device specific configuration files,

determines associated device specific configuration files appropriate for the particular

mobile device; initiates a deployment of the associated device specific configuration

files for the particular mobile device.

    However, Shields discloses device specific configuration files (fig. 3, 5, device

profile), determines associated device specific configuration files appropriate for the

particular mobile device (fig. 5, steps 536-538, using device ID to get device profile);

initiates a deployment of the associated device specific configuration files for the

particular mobile device (fig. 5, step 540, using device profile to synchronize device-

supported files).

Therefore, it would have been obvious for one skilled in the art at the time of the invention to combine the teachings of Chasman and Shields to synchronize the device using both and device ID as taught by Shields in other to provide more functionalities to the system.

14.   For claim 9, Chasman-Shields further discloses the network application includes the collective behavior of a plurality of network devices and each mobile device is associated with a device profile including at least one of a hardware profile and a software profile (Chasman, fig. 4 step 430, update message regarding a sales opportunity application software type from the client device and collected from a user).

15.   For claim 10, Chasman-Shields further discloses determining associated device specific configuration files further includes determining a particular network application associated with the particular mobile device (Chasman, fig. 4, update request with application type field associated with identifier); determining configuration options for the particular mobile device participating in the network application using the configuration parameters; determining the device specific configuration files as a function of the device profile for the particular mobile device (Chasman, [0024] lines 3-14, comparing identifiers in the master database with identifiers in the update request to synchronize configuration data (in this case the status change) to the latest version).

16.   For claims 2 and 14, Chasman-Shields discloses the invention as in claims 1 and
13. Chasman-Shields further discloses initiating a process to configure the first mobile
device as a function of the associated configuration parameter includes transmitting
device specific configuration files to the mobile device as a function of the associated
configuration parameter (Chasman, [0024] lines 14-19, synchronize the client database
with the latest update or configuration from the master database by comparing
(functions of) identifiers and version stamps).

17.   For claims 3 and 15, Chasman-Shields discloses the invention as in claims 1 and
13. Chasman-Shields further discloses the device profile relates to at least one of a
hardware profile and a software profile (Chasman, fig. 1, business software application).

18.   For claims 4 and 16, Chasman-Shields discloses the invention as in claims 2 and
14. Chasman-Shields further discloses initiating a process to configure the first mobile
device further includes receiving a device registry file from the first mobile device
(Chasman, fig. 4, step 430, update request in a queue with version stamps reads on
registry information); determining device specific files appropriate for the first device as
a function of the associated configuration parameter and the device registry associated
with the first mobile device (Chasman, fig. 4, after synchronization, based on identifiers
and version registry information, determine the appropriate new version information).

19.   For claims 5 and 17, Chasman-Shields discloses the invention as in claims 1 and

13. Chasman-Shields further discloses each of the configuration parameters associates

the application with at least one configuration option (Chasman, fig. 2, each application

(type) has a one configuration (at least version identifier) associated with it).

20.   For claims 6, 12 and 18, Chasman-Shields discloses the invention as in claims 5,

8 and 17. Chasman-Shields further discloses the at least one configuration option

includes at least one of power settings, menu options and application settings

(Chasman, fig. 3, application settings of a business object).

21.   For claims 7, 11 and 19, Chasman-Shields discloses the invention as in claims 1,

8 and 13. Chasman-Shields further discloses the network devices include at least one

of a laptop computer and a PDA ("Personal Digital Assistant") (Chasman, [0017] lines 1-

7).

22.   For claim 20, Chasman discloses a method for deploying application resources

to a mobile device comprising:

        receiving at a middleware server a synchronization request from a mobile device

running an application (fig. 1, 2 and 6, update request from mobile device to application

server, application server with a master database for storing business object type or

application, application server is read as an middleware server, see Yu et al. US

2007/0226155, [0100]),

retrieving a configuration parameter associated with the application (fig. 2,

business object type or application and configuration parameters);

generating a resource ID as a function of the configuration parameter (fig. 2,

resource IDs are identifiers associated with each business object type, fig. 6 step 618);

using the resource ID to retrieve application resources from an application

resource database (fig. 3, matching identifiers with parameters or application resources

in master database for synchronization of resources, fig. 6, step 620);

initiating a process to install the application resources on the mobile device (fig. 6

step 622, synchronize out of date business objects in the mobile device).

Chasman does not explicitly disclose:

the synchronization request including a device identification (ID);

determining a device profile as a function of the device ID;

generating a resource ID as a function of the device profile;

However, Shields discloses:

the synchronization request including a device identification (ID) (fig. 5, steps 530

and 536, device ID in sync request);

determining a device profile as a function of the device ID (fig. 5 step 538, read

profile using device ID);

generating a resource ID as a function of the device profile (fig. 5 step 540,

determine supported attachments or resources using profile)

Therefore, it would have been obvious for one skilled in the art at the time of the

invention to combine the teachings of Chasman and Shields to synchronize the device

using both and device ID as taught by Shields in other to provide more functionalities to the system.

Conclusion

23.   Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

24.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hieu T. Hoang whose telephone number is 571-270-1253. The examiner can normally be reached on Monday-Thursday, 8 a.m.-5 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Bunjob Jaroenchonwanit can be reached on 571-272-3913. The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

Information regarding the status of an application may be obtained from the

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HH

/Bunjob Jaroenchonwanit/

Supervisory Patent Examiner, Art Unit 2152